

Taking Compact Digital Studios to the Next Level.



The BR-1180 Digital Recording Studio is more than a digital recorder, it's a complete music production system. You get 10 tracks of hard disk recording, 80 Virtual Tracks, onboard COSM® effects, a programmable Rhythm Guide drum track and an optional CD-R/RW drive for burning CDs (standard on the BR-1180CD). And because it's from BOSS, you won't lose your wallet—or your patience—owning one.

It's that easy!

Hassle-free Recording!

1 Grab a guitar.

Connect a guitar to the Guitar/Bass input and set Input Select to "Guitar".

2 Select an effect.

Press the Effect button and the BR-1180 will automatically select a guitar effect. Use this one or select another patch as desired.

3 Arm the track.

Press the Status button of the destination track so it lights red.

4 Start recording.

Press REC and PLAY to begin recording.

Ultra-Affordable, Very Portable.

If you're looking for a portable, yet powerful digital recorder, look no further than the BOSS BR-532. This 32-track digital studio plays back four simultaneous tracks and includes a separate Rhythm Guide drum track plus onboard effects. Its compact size and battery power make it perfect for musicians on the go.

Take It Anywhere

The BR-532 uses SmartMedia cards for convenient recording and storage. A built-in microphone and battery power make it possible to record anywhere.

Pro-Quality Features

Though smaller in size, the BR-532 doesn't skimp on features. Powerful digital editing, killer effects, COSM Amp Modeling, an XLR Mic input—it's all here!

BOSS Makes It Easy

With its tape-style controls and logical panel layout, the BR-532 makes recording, editing and mixing music so simple anyone can use it.



Download your free copy of the BR-532 Wave Converter software, which lets you import and export .WAV/AIFF files using an optional SmartMedia reader.



BR-532
DIGITAL STUDIO **COSM** **SmartMedia**

■ BR-532 SPECIFICATIONS

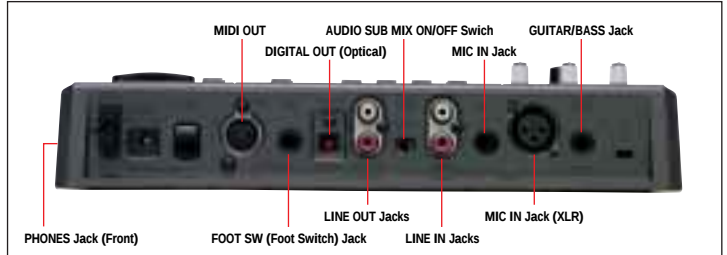
● **Tracks** Track: 4, V-Track: 32 (8 V-tracks per each track) *Up to 2 tracks can be recorded simultaneously, and up to 4 tracks can be played back simultaneously. ● **Useful Capacity** SmartMedia (3.3 V only): 16 to 128 MB ● **Data Type** HiFi (MT2) STANDARD (LV1) LONG (LV2) ● **Signal Processing** AD Conversion: 24 bit + AF-AD (Guitar/Bass) / 24 bit + AF-AD (Mic) / 24 bit (Line) / 24 bit (Simul), DA Conversion: 24 bit, Internal Processing: 32 bit (digital mixer section) ● **Sample Rate** 44.1 kHz ● **Frequency Response** 20 Hz to 20 kHz (+1/-3 dBu) ● **Total Distortion** 0.15 % or less (INPUT SENS: CENTER, 1 kHz at nominal output level, data type: MT2) ● **Nominal Input Level (Variable)** GUITAR/BASS Jack: -24 dBu, MIC (Phone/XLR) Jack: -50 dBu, LINE Jack: -10 dBu ● **Input Impedance** GUITAR/BASS Jack: 1 MΩ, MIC (Phone/XLR) Jack: 2.2 kΩ (HOT-COLD), 1.1 kΩ (HOT-GND, COLD-GND), LINE Jack: 14 kΩ ● **Nominal Output Level** LINE Output Jack: -10 dBu ● **Output Impedance** LINE Output Jack: 2 kΩ, Headphones Jack: 100 Ω ● **Recommended Load Impedance** LINE Output Jack: 20 kΩ or greater, Headphones Jack: 8 to 50 Ω ● **Residual Noise Level** LINE Output Jack: -83 dBu or less (INPUT SELECT: GUITAR/BASS, input terminated with 1 kΩ, INPUT SENS: CENTER, IHF-A, typ.) ● **Display** 20 Characters x 2 Lines (Backlit LCD) ● **Power Supply** DC 9 V; Supply AC Adaptor (PSA Series), Dry battery x 6 ● **Current Draw** 200 mA *Expected battery life under continuous use: [Carbon: 2.5 hours], [Alkaline: 7 hours] *These figures will vary depending on the actual conditions of use. ● **Dimensions** 290.5(W) x 220.5(D) x 65.0(H) mm, 11-7/16(W) x 8-11/16(D) x 2-9/16(H) inches ● **Weight** 1.8 kg/ 4 lbs (excluding Batteries) ● **Accessories** Demo Card (32 MB), Dry Battery (LR6[AA]) x 6 ● **Options** AC Adaptor (PSA Series), Foot Switch (FS-5U), Pedal Switch (DP-2) *0 dBu=0.775 Vrms

■ BR-532 RECORDING TIME

	16MB	32MB	64MB	128MB
HiFi	8 min.	16 min.	32 min.	65 min.
Standard	9 min.	19 min.	39 min.	78 min.
Long	12 min.	24 min.	49 min.	98 min.

*The recording times shown at left are approximate. Times may vary depending on the number of songs created.
*Recording times shown are the total for all tracks used. Therefore, if each of the four tracks contain an equal amount of data, the length of the resulting song will be approximately 1/4 of the time shown.

■ BR-532 REAR PANEL



Once a musical instrument generates sound vibrations, it reaches the human ear through various mediating objects, each of which significantly affects the sound. The material and configuration of the instrument, the electric/electronic/magnetic amplifying system, the air and the reverberation of the room all affect the final sound. Sound modeling, the latest DSP technology, "virtually"reconstructs these objects. Roland's breakthrough Composite Object Sound Modeling (COSM) uses the advantages of multiple modeling methods and succeeds in accurately emulating existing sounds, as well as producing sounds that have never before been created.

OPTIONS

CDI-BR-1 CD-R/RW Drive for BR-1180

User-installable

FS-5U Foot Switch (Unlatch)

PSA Series AC Adaptor for BR-532

EV-5 Expression Pedal

Roland

DP-2 Pedal Switch

Roland

DR-20* Dynamic Microphone

Roland

RH-50 Headphones

Roland

DS-90A** 24-bit Digital Reference Monitor

Roland

DS-50A** 24-bit Digital Reference Monitor

Roland

DS-30A 24-bit Digital Reference Monitor

Roland

* Recommended for COSM Mic Modeling

** Recommended for COSM Speaker Modeling

** Recommended for COSM Speaker Modeling

BOSS
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DIGITAL RECORDING STUDIO

BR-1180 CD

BR-1180

Digital Recording and CD Burning for Musicians.

COSM Effects for Killer Tone



From crunchy blues tones to screaming rock leads, the BR-1180's COSM Amp Modeling delivers—no external effects or amps needed! Of course, there's plenty of other goodies like COSM Mic and Speaker Modeling, a Bass Simulator, and a Mastering effects like reverb, chorus and delay.

●COSM Preamp Type

GUITAR	VO DRV	BG LEAD	MS(2)	SLDN	METAL D	BASS
JC-120	CRUNCH	BLUES	MS(1)	MS(1+2)	METAL	AC
CLEAN	MATCH					AMG

Massive 20GB Hard Drive

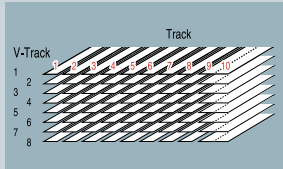
The BR-1180 comes with a 20GB internal hard drive for tons of ultra-reliable recording. Now there's plenty of room to track your next hit.

●Maximum Useful Capacity/Recording Time

Data type	Recording time
LIN	60 hours
MT1	120 hours
MT2	160 hours
LV1	190 hours
LV2	240 hours

(conversion in 1 track, times approximate)

80-Track Digital Recording



The BR-1180's 10 primary tracks each contain eight "Virtual Tracks"—yielding a total of 80 recording tracks—which can be edited and combined with digital precision (just select any 10 for playback).

XLR and Hi-Z Inputs

Whether recording microphones, electric guitar or keyboards, the BR-1180's XLR Mic inputs with phantom power, Guitar Hi-Z input, and Line inputs have you covered. There's also an optical digital output for direct connection to digital gear.



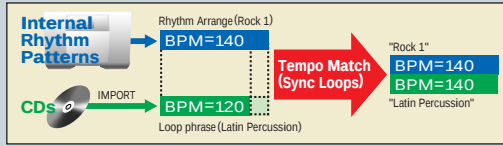
Onboard Mastering Tools

Included within the BR-1180's stellar effects is the Mastering Tool Kit. This powerful algorithm contains everything you need to master like the pros: multi-band compression, 4-band EQ, an enhancer, limiter, bass cut filter and more.

Import and Export .WAV/AIFF Files

Import .WAV/AIFF files and CD tracks! A handy Timestretch function makes it easy to sync loops to the tempo of your song. Likewise, you can also export BR-1180 tracks for easy loading into a Mac or PC.

●TEMPO MATCH



Separate Rhythm Track

Need drums? Switch on the Rhythm Track! It's like having a drum machine built right into the BR-1180, stocked with realistic sounds and a variety of patterns for your song.

●PRESET RHYTHM PATTERNS

- ROCK x 5 ●HARD ROCK x 5 ●HEAVY x 5 ●POP x 8 ●BALLAD x 4 ●BLUES x 4 ●R&B x 5 ●JAZZ x 3
- FUSION x 2 ●HipHop x 2 ●FUNK x 1 ●HOUSE x 1 ●COUNTRY x 2 ●OTHER x 3 ●Metronome x 1

Make Your Own Beats

The Rhythm Track is fully programmable, so you can create your own rhythm patterns using realtime or step recording.

●REALTIME RECORDING

Volume Control	TRAP button	Drum Sound	Drum Sound
1	TRAP	Kick 1	[B10] Ride Cymbal
2	TRAP	Snare 1	[V-TRACK] [1] Kick 2
3	TRAP	Closed Hi Hat	[V-TRACK] [2] Snare 2
4	TRAP	Open Hi Hat	[V-TRACK] [3] Claves
5	TRAP	Low Tom	[V-TRACK] [4] Cow Bell
6	TRAP	Mid Tom	[V-TRACK] [5] High Q
7	TRAP	High Tom	[V-TRACK] [6] Metronome (Solo)
8	TRAP	Crash Cymbal	[V-TRACK] [7] Metronome (Bt)

Tracks Status buttons change into Drum pads!

Import Standard MIDI File Patterns

Using the BR-1180CD's onboard CD-R/RW drive, you can load Standard MIDI File (SMF) rhythm patterns on CD-ROM directly into the Rhythm Track for playback.

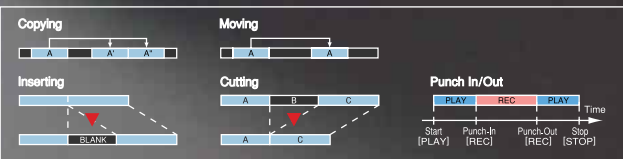
Simple and Powerful

Like all BOSS products, the BR-1180 is designed to be user-friendly. So if you can use a tape-based studio, you'll be right at home. But unlike other portable studios, the BR-1180 has everything you need to go from idea to mastered CD.

Edit with Confidence

In the past, editing a recording meant hours of splicing and results that were far from perfect. Thanks to digital technology, the BR-1180 lets you cut, copy, paste and move using straightforward commands. Make a mistake? Just hit Undo and you're back to square one.

●EXAMPLE OF EDITING TOOLS



■INSERT EFFECTS

A.SIM	C.COMPLMR	ENH	MC	RNG
Acoustic Guitar Simulator	COSM Comp/Limiter	Enhancer	Mic Converter	Ring Modulator
ACP	DES	EQ	NS	S.ATK
Acoustic Processor	De-esser	4-Band Equalizer	Noise Suppressor	Slow Attack
B.SIM	DFR	FL	OCT	SP
Bass Simulator	Defretter	Flanger	Octave	Speaker Simulator
B.CUT	DLY	FV	PH	TRM
Bass Cut Filter	Delay	Foot Volume	Phaser	Tremolo/Pan
CHO	DSTN	LM	PS	VT
Chorus	Distance	Limiter	Pitch Shifter	Voice Transformer
COMP	DBL	LO-FI	P.AMP	WAH
Compressor	Doubling	Lo-Fi Box	Preamp	Wah

■INSERT EFFECT ALGORITHMS

BANK	ALGORITHM	EFFECTS	BANK	ALGORITHM	EFFECTS
GUITAR/BASS	COSM GUITAR AMP	COMP, P.AMP, SP, EQ/VAH, NS, FV, FL/CHO/PH/PS/DBL/TRM, S. ATK, DLY	MIC	COSM VOCAL COMP	C.COMPLMR, DES, ENH, EQ, NS, FV, DLY
	ACOUSTIC SIM	A.SIM, COMP, EQ, NS, FV, FL/CHO/PH/PS/DBL/TRM, DLY		MIC MODELING	MC, B.CUT, DSTN, LM
	BASS SIM	B.SIM, COMP/DFR, NS, FV, FL/CHO/PH/PS/DBL/TRM	LINE	STEREO MULTI	COMP, RNG, EQ/VAH, NS, FV, FL/CHO/PH/PS/DBL/TRM, DLY
	COSM COMP GAMP	C.COMPLMR, P.AMP, SP, EQ/VAH, NS, FV, DLY		LO-FI BOX	LO-FI, NS
	ACOUSTIC GUITAR	ACP, COMP, EQ, NS, DLY	SIMUL	VO+GAMP (MIC)	COMP, EQ, NS, DLY
	BASS MULTI	COMP/DFR, OCT, ENH, EQ/VAH, NS, FV, FL/CHO/PH/PS/DBL/TRM, DLY		VO+GAMP (GUITAR)	COMP, P.AMP, SP, NS, DLY
	COSM BASS AMP	COMP, P.AMP, SP, EQ/VAH, NS, FV, FL/CHO/PH/PS/DBL/TRM, DLY		VO+AC SIM (MIC)	COMP, EQ, NS, DLY
	COSM COMP BAMP	C.COMPLMR, P.AMP, SP, EQ/VAH, NS, FV, DLY		VO+AC SIM (GUITAR)	A.SIM, COMP, NS, DLY
MIC	VOCAL MULTI	COMP, DES, ENH, EQ, NS, FV, FL/CHO/PH/PS/DBL/TRM, DLY		VO+ACOUSTIC (MIC)	COMP, NS
	VOICE TRANSFORMER	VT, NS, FV, FL/CHO/PH/PS/DBL/TRM, DLY		VO+ACOUSTIC (GUITAR)	ACP, COMP, NS

■BR-1180CD/1180 SPECIFICATIONS

●Tracks Track:10, V-Track: 80 (8 V-Tracks per each Track) * Up to 2 tracks can be recorded simultaneously, and up to 10 tracks can be played back simultaneously. ●Signal Processing AD Conversion: 24 bit AF Method (Guitar/Bass), 24 bit AF-AD (Mic), 24 bit (Line), 24 bit (Simul), DA Conversion: 24 bit, Internal Processing: 24 bit (digital mixer section), Recording Data: 16 bit linear (data type: LIN) ●Sample Rate 44.1 kHz ●Frequency Response 20 Hz-20 kHz (+1/-3 dB) ●Total Distortion 0.15 % or less (INPUT SENS: CENTER, 1 kHz at nominal output level, data type: LIN) ●Nominal Input Level (Variable) GUITAR/BASS jack: -10 dBu, MIC 1, 2 jack: -40 dBu, LINE jack: -10 dBu ●Input Impedance GUITAR/BASS jack: 1 MΩ, MIC 1, 2 jack (TRS): 2.2 kΩ (HOT-COLD), 1.1 kΩ (HOT-GND, COLD-GND), MIC 1, 2 jack (XLR): 2.2 kΩ (HOT-COLD), 1.1 kΩ (HOT-GND, COLD-GND), LINE IN jack: 50 kΩ ●Nominal Output Level LINE OUT jack: -10 dBu ●Output Impedance LINE OUT jack: 2 kΩ, PHONES jack: 100 Ω ●Recommended Load Impedance LINE OUT jack: 20 kΩ or greater, PHONES jack: 8-50 Ω ●Residual Noise Level LINE OUT jack: -87 dBu or less (INPUT SELECT: GUITAR/BASS, input terminated with 1 kΩ, INPUT SENS: CENTER, I/F-A, typ.) ●Effects Mixer Effects: [Loop Effects: Chorus/Delay/Doubling, Reverb], [EQ (Two-band equalizer. Independent for each track)], [Insert Effects: 17 algorithms, Speaker Modeling (Reference model are the Roland DS-90/90A and DS-50A), Mastering Effects ●Rhythm/Loop Phrase Resolution: 96 TPQN, Rhythm Patterns: [Preset: 50, User*: 999, Song*: 999 *User-programmable and SMF-importable], Rhythm Arranges: [Preset: 50, User*: 10, Song*: 10 *User-programmable], Loop Phrases: [User*: 400 (50 x 8 banks), Song*: 50 *WAV/AIFF-importable] ●Display 64 x 40 mm (Backlit LCD) ●Power Supply DC 12 V: Supply AC Adaptor (Roland PSB-3U) ●Power Consumption 3 A ●Dimensions 460 (W) x 273 (D) x 87 (H) mm, 18-1/8 (W) x 10-3/4 (D) x 3-7/16 (H) inches ●Weight BR-1180CD: 3.85 kg/8 lbs. 8 oz., BR-1180: 3.50 kg/7 lbs. 12 oz.(Excluding AC Adaptor) ●Accessories AC Adaptor: PSB-3U, Effect Patch List/Rhythm Pattern List, DISCRETE DRUMS (CD-ROM; BR-1180CD only) ●Options CD-R/RW drive (for BR-1180): CDI-BR-1, Expression Pedal (EV-5), Foot Switch (FS-5U), Pedal Switch (DP-2)

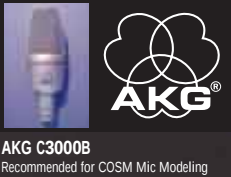
●DISCRETE DRUMS CD (Included with BR-1180CD)

Genuine BOSS Effects

The BR-1180's three onboard effects processors borrow technology found in BOSS pedals and multi-effects, so you know they sound great.

More for Your Money...

- Built-in Chromatic Tuner makes tuning your guitar or bass a snap
- Phrase Trainer slows down guitar licks for easy learning
- Center Cancel function removes lead vocals from recordings
- COSM Speaker Modeling models the characteristics of several popular reference monitors when used with Roland DS-Series monitors
- COSM Mic Modeling changes dynamic mics to sound like studio condensers costing much more
- BR-1180 can be upgraded to BR-1180CD with optional CDI-BR-1 kit



BR-1180 CD
DIGITAL RECORDING STUDIO
COSM

Same great features, but without the CD-R/RW drive.
BR-1180
DIGITAL RECORDING STUDIO
COSM
CDI-BR-1 Upgrade the BR-1180 with this user-installable kit.